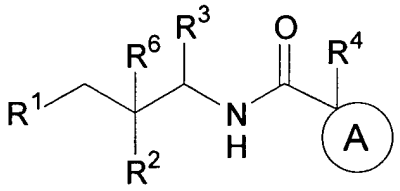
IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (Currently Amended) A compound of structural formula I:



(I)

or a pharmaceutically acceptable salt thereof, wherein;

R1 is selected from:

(1) isopropyl,
(2) isobutyl,
(3) n-propyl,
(4) cyclopropyl,
(5) cyclobutyl,
(6) cyclopentyl,
(7) cyclohexyl,
(8) piperidinyl,
(9) phenyl, and
(10) pyridyl,

wherein each alkyl is optionally substituted with one R^a substituent, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl is optionally substituted with one to three substituents independently selected from R^b;

~~R1 is selected from:~~

~~(1) C1-10alkyl,~~
~~(2) C3-10cycloalkyl,~~
~~(3) cycloheteroalkyl,~~
~~(4) aryl, and~~

~~(5) heteroaryl,~~

~~wherein alkyl is optionally substituted with one, two, three or four substituents independently selected from R^a, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;~~

R^2 is selected from:

(1) cyclobutyl,
(2) cyclopentyl,
(3) cyclohexyl,
(4) pyrrolidinyl,
(5) pyrimidinyl,
(6) benzoxazolyl,
(7) dihydroindolyl,
(8) dihydroquinolinyl,
(9) benzotriazolyl,
(10) thiophenyl,
(11) indolyl,
(12) indazolyl,
(13) pyrrolidinyl,
(14) pyridazinyl
(15) triazolyl,
(16) azaindolyl,
(17) cyclobutylmethoxy,
(18) phenyl,
(19) pyridyl,
(20) $-NR^cR^d$, and
(21) $-CO_2R^d$,

wherein each alkyl is optionally substituted with one or two R^a substituents and each phenyl or pyridyl is independently with one to three R^b substituents;

~~R^2 is selected from:~~

~~(1) C_{3-10}cycloalkyl,~~

~~(2) cycloheteroalkyl,~~

~~(3) aryl,~~
~~(4) heteroaryl,~~
~~(5) $-OR^d$,~~
~~(6) $-NR^eR^d$, and~~
~~(7) $-CO_2R^d$,~~
~~wherein each alkyl is optionally substituted with one , two, three or four substituents independently selected from R^a, and each cycloalkyl, and cycloheteroalkyl aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;~~

R^3 is selected from:

(1) C_{1-4}alkyl,
(2) C_{2-4}alkenyl,
(3) C_{2-4}alkynyl,
(4) C_{3-7}cycloalkyl,

wherein alkyl, alkenyl, alkynyl, and cycloalkyl are optionally substituted with one, two, three or four substituents independently selected from R^a;

R^4 is selected from:

(1) hydrogen,
(2) C_{1-4}alkyl, and
(3) cyclopropyl,

wherein alkyl and cyclopropyl are optionally substituted with one, two or three R^a substituents;

~~R^4 is selected from:~~

~~(1) hydrogen,~~
~~(2) C_{1-4}alkyl,~~
~~(3) C_{2-4}alkenyl,~~
~~(4) C_{2-4}alkynyl,~~
~~(5) $-OR^e$,~~
~~(6) $-CO_2R^e$~~
~~(7) $-OCOR^e$~~
~~(8) $-OCOOR^e$~~

~~(9) —OCONR^{d}R^{e}~~
~~(10) —NR^{d}R^{e},~~
~~(11) —NH(CO)OR^{e},~~
~~(12) —NR^{e}SO$_2$R^{e}~~
~~(13) —S(O)mR^{e}~~
~~(14) aryl,~~
~~(15) heteroaryl,~~
~~wherein alkyl, alkenyl, alkynyl, cycloalkyl, and cycloheteroalkyl are optionally substituted with one, two, three or four substituents independently selected from R^{a}, and aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^{b};~~

R^{6} is selected from:

(1) hydrogen,
(2) methyl,
(3) hydroxyl,
(4) halogen, and
(5) –CN;

~~R^{6} is selected from:~~

~~(1) hydrogen,~~
~~(2) C$_{1-4}$alkyl,~~
~~(3) C$_{2-4}$alkenyl,~~
~~(4) C$_{2-4}$alkynyl,~~
~~(5) —OR^{d},~~
~~(6) halogen,~~
~~(7) —CN,~~
~~(8) —NR^{e}R^{d},~~
~~wherein alkyl, alkenyl, and alkynyl are optionally substituted with one to four substituents independently selected from R^{a};~~

A is benzodioxane or dihydrobenzodioxane, wherein the **A** ring system is optionally substituted with one, two, three or four substituents selected from a group independently selected from oxo and R^{b};

each R^a is independently selected from:

(1) -OR^d,
(2) halogen,
(3) SO_2R^c,
(4) SH,
(5) SCH_3,
(6) -NR^cR^d,
(7) -$C(O)R^c$,
(8) -CO_2R^c,
(9) -CF_3, and
(10) -OCF_3;

~~each R^a is independently selected from:~~

~~(1) $-OR^d$,~~
~~(2) $-NR^eS(O)_mR^d$,~~
~~(3) $-NO_2$,~~
~~(4) halogen,~~
~~(5) $-S(O)_mR^e$,~~
~~(6) $-SR^e$,~~
~~(7) $-S(O)_2OR^e$,~~
~~(8) $-S(O)_mNR^eR^d$,~~
~~(9) $-NR^eR^d$,~~
~~(10) $-O(CR^eR^f)_nNR^eR^d$,~~
~~(11) $-C(O)R^e$,~~
~~(12) $-CO_2R^e$,~~
~~(13) $-CO_2(CR^eR^f)_nCONR^eR^d$,~~
~~(14) $-OC(O)R^e$,~~
~~(15) -CN,~~
~~(16) $-C(O)NR^eR^d$,~~
~~(17) $-NR^eC(O)R^d$,~~
~~(18) $-OC(O)NR^eR^d$,~~
~~(19) $-NR^eC(O)OR^d$,~~
~~(20) $-NR^eC(O)NR^eR^d$,~~

~~(21) $-CR^c(N-OR^d)$,~~
~~(22) $-CF_3$,~~
~~(23) $-OCF_3$,~~
~~(24) C_{3-8}cycloalkyl, and~~
(25) ~~cycloheteroalkyl;~~

each R^b is independently selected from:

(1) methoxy,
(2) halogen,
(3) -SH,
(4) $-SCH_3$,
(5) $-NH_2$,
(6) $-C(O)CH_3$,
(7) $-CO_2H$,
(8) $-CO_2CH_3$,
(9) $-CF_3$,
(10) $-OCF_3$,
(11) C_{3-6} cycloalkyl,
(12) C_{1-4}alkyl,
(13) phenyl,
(14) benzyl, and
(15) heteroaryl;

~~each R^b is independently selected from:~~

~~(1) R^a,~~
~~(2) C_{1-10}alkyl,~~
~~(3) aryl,~~
~~(4) arylC_{1-4}alkyl,~~
~~(5) heteroaryl, and~~
(6) ~~heteroarylC_{1-4}alkyl;~~

R^c is H or C_{1-4} alkyl unsubstituted or substituted with 1-3 substituents selected from R^h;

R^d is selected from:

(1) hydrogen;
(2) C_{1-10} alkyl;
(3) C_{3-10} cycloalkyl;
(4) cycloheteroalkyl;
(5) phenyl;
(6) heteroaryl and
(7) benzyl,

either unsubstituted or substituted on a carbon or nitrogen atom with one or two substituents selected from R^h;

~~R^e and R^f are independently selected from hydrogen, C_{1-4} alkyl, C_{3-10} cycloalkyl, cycloheteroalkyl, phenyl, heteroaryl and benzyl;~~

~~each R^g is independently selected from:~~

~~(1) hydrogen,~~
~~(2) C_{1-10}alkyl,~~
~~(3) C_{3-8}cycloalkyl,~~
~~(4) heterocycloalkyl,~~
~~(5) aryl,~~
~~(6) arylC_{1-4}alkyl,~~
~~(7) heteroaryl,~~
~~(8) heteroarylC_{1-4}alkyl,~~
~~(9) $-S(O)_mR^e$,~~
~~(10) $-C(O)R^e$,~~
~~(11) $-CO_2R^e$,~~
~~(12) $-CO_2(CR^eR^f)_nCONR^eR^d$, and~~
~~(13) $-C(O)NR^eR^d$;~~

each R^h is independently selected from:

(1) halogen,
(2) C_{1-4}alkyl,
(3) $-O-C_{1-4}$alkyl,
(4) $-S-C_{1-4}$alkyl,
(5) -CN,

(6) -CF_3, and

(7) -OCF_3;

~~each R^h is independently selected from:~~

~~(1) halogen,~~

~~(2) C_{1-10}alkyl,~~

~~(3) C_{3-8}cycloalkyl,~~

~~(4) heterocycloalkyl,~~

~~(5) aryl,~~

~~(6) arylC_{1-4}alkyl,~~

~~(7) heteroaryl,~~

~~(8) heteroarylC_{1-4}alkyl,~~

~~(9) $-OR^e$,~~

~~(10) $-NR^eS(O)_mR^d$,~~

~~(11) $-S(O)_mR^e$,~~

~~(12) $-SR^e$,~~

~~(13) $-S(O)_2OR^e$,~~

~~(14) $-S(O)_mNR^eR^d$,~~

~~(15) $-NR^eR^d$,~~

~~(16) $-O(CR^eR^f)_nNR^eR^d$,~~

~~(17) $-C(O)R^e$,~~

~~(18) $-CO_2R^e$,~~

~~(19) $-CO_2(CR^eR^f)_nCONR^eR^d$,~~

~~(20) $-OC(O)R^e$,~~

~~(21) -CN,~~

~~(22) $-C(O)NR^eR^d$,~~

~~(23) $-NR^eC(O)R^d$,~~

~~(24) $-OC(O)NR^eR^d$,~~

~~(25) $-NR^eC(O)OR^d$,~~

~~(26) $-NR^eC(O)NR^eR^d$,~~

~~(27) $-CF_3$, and~~

~~(28) $-OCF_3$;~~

~~wherein aryl is selected from: phenyl, naphthyl, indanyl, indenyl, tetrahydronaphthyl, 2,3-dihydrohbenzo-furanyl, dihydrobenzopyranyl, and 1,4-benzodioxanyl;~~

wherein cycloalkyl is selected from: cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, tetrahydronaphthyl, decahydronaphthyl, and indanyl;

wherein cycloheteroalkyl is selected from: pyrrolidinyl, piperidinyl, piperazinyl, morpholinyl, dihydroisoindolyl, pyranyl, perhydroazepinyl, and tetrahydrofuranyl;

~~wherein cycloheteroalkyl is selected from: pyrrolidinyl, piperidinyl, piperazinyl, imidazolidinyl, pyranyl, tetrahydrofuranyl, 2,3-dihydrofuro(2,3-b)pyridyl, benzoxazinyl, tetrahydrohydroquinolinyl, morpholinyl, dioxanyl, oxanyl, tetrahydroisoquinolinyl, dihydroindolyl, dihydroisoindolyl, perhydroazepinyl, 2- pyridine, 4-pyridone, N-substituted (1H, 3H) pyrimidine 2,4-diones, and N-substituted uracils;~~

wherein heteroaryl is selected from: pyridinyl, benzimidazolyl, imidazolyl, oxazolidinyl, triazolyl, and benzotriazolyl;

~~wherein heteroaryl is selected from: pyrrolyl, isoxazolyl, isothiazolyl, pyrazolyl, pyridyl, oxazolyl, oxadiazolyl, thiadiazolyl, thiazolyl, imidazolyl, triazolyl, tetrazolyl, furanyl, triazinyl, thienyl, pyrimidyl, pyridazinyl, pyrazinyl, benzoxazolyl, benzothiazolyl, benzimidazolyl, benzofuranyl, benzothiophenyl, benzotriazolyl, furo(2,3-b)pyridyl, quinolyl, indolyl, isoquinolyl, and oxazolidinyl;~~

m is selected from 1 and 2; and
n is selected from 1, 2, and 3;
or a pharmaceutically acceptable salt thereof.

Claim 2 (Canceled)

Claim 3 (Currently Amended) The compound according to Claim 1 ~~2~~, wherein R^3 is selected from:

(1) methyl,
(2) trifluoromethyl, and

(3) cyclopropyl;

and pharmaceutically acceptable salts thereof.

Claims 4 - 6 (Canceled)

Claim 7 (Currently Amended) The compound according to Claim 1, wherein:

R^1 is selected from:

(1) phenyl, and

(2) pyridyl;

wherein phenyl and pyridyl are optionally substituted with one or two R^b substituents;

~~R^1 is selected from:~~

~~(1) isopropyl,~~

~~(2) isobutyl,~~

~~(3) n-propyl,~~

~~(4) cyclopropyl,~~

~~(5) cyclobutyl,~~

~~(6) cyclopentyl,~~

~~(7) cyclohexyl,~~

~~(8) piperidinyl,~~

~~(9) phenyl, and~~

~~(10) pyridyl,~~

~~wherein each alkyl is optionally substituted with one R^a substituent, and each cycloalkyl, cycloheteroalkyl, aryl and heteroaryl is optionally substituted with one to three substituents independently selected from R^b;~~

R^2 is selected from:

(1) phenyl, and

(2) pyridyl;

wherein phenyl and pyridyl are optionally substituted with one or two R^b substituents;

~~R^2 is selected from:~~

~~(1) cyclobutyl,~~

~~(2) cyclopentyl,~~

~~(3) cyclohexyl,~~
~~(4) pyrrolidinyl,~~
~~(5) pyrimidinyl,~~
~~(6) benzoxazolyl,~~
~~(7) dihydroindolyl,~~
~~(8) dihydroquinolinyl,~~
~~(9) benzotriazolyl,~~
~~(10) thiophenyl,~~
~~(11) indolyl,~~
~~(12) indazolyl,~~
~~(13) pyrrolidinyl,~~
~~(14) pyridazinyl~~
~~(15) triazolyl,~~
~~(16) azaindolyl,~~
~~(17) cyclobutylmethoxy,~~
~~(18) phenyl,~~
~~(19) pyridyl,~~
~~(20) $-NR^eR^d$, and~~
~~(21) $-CO_2R^d$,~~

~~wherein each alkyl is optionally substituted with one or two R^a substituents and each phenyl or pyridyl is independently with one to three R^b substituents.~~

R^3 is methyl;

R^4 is selected from hydrogen and methyl;

~~R^6 is selected from:~~

~~(1) hydrogen,~~
~~(2) methyl,~~
~~(3) hydroxyl,~~
~~(4) halogen, and~~
(5) ~~$-CN$;~~

A is selected from:

(1) benzodioxanyl, and
(2) dihydrobenzodioxanyl,

each optionally substituted with one, two, or three groups independently selected from R^b; and

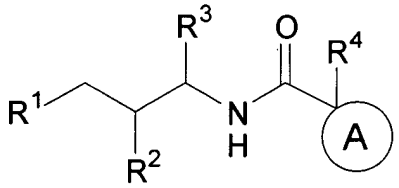
each R^b is independently selected from halogen;

~~each R^b is independently selected from:~~

~~(1) methoxy,~~
~~(2) halogen,~~
~~(3) -SH,~~
~~(4) $-SCH_3$,~~
~~(5) $-NH_2$,~~
~~(6) $-C(O)CH_3$,~~
~~(7) $-CO_2H$,~~
~~(8) $-CO_2CH_3$,~~
~~(9) $-CF_3$,~~
~~(10) $-OCF_3$,~~
~~(11) C_{3-6} cycloalkyl,~~
~~(12) C_{1-4}alkyl,~~
~~(13) phenyl,~~
~~(14) benzyl, and~~
(15) ~~heteroaryl;~~

and pharmaceutically acceptable salts thereof.

Claim 8 (Currently Amended) A compound of structural formula IA:



(IA)

or a pharmaceutically acceptable salt thereof, wherein;

R^1 is selected from:

(1) phenyl, and
(2) pyridyl;

wherein phenyl and pyridyl are optionally substituted with one or two R^b substituents;

~~R^1 is selected from:~~

~~(1) aryl,~~

~~(2) heteroaryl,~~

~~wherein aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;~~

R^2 is selected from:

(1) phenyl, and

(2) pyridyl;

wherein phenyl and pyridyl are optionally substituted with one or two R^b substituents;

~~R^2 is selected from:~~

~~(1) aryl,~~

~~(2) heteroaryl,~~

~~wherein aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;~~

R^3 is selected from:

(1) C_{1-4}alkyl,

(2) C_{2-4}alkenyl,

(3) C_{2-4}alkynyl,

(4) C_{3-7}cycloalkyl,

wherein alkyl, alkenyl, alkynyl, and cycloalkyl are optionally substituted with one, two, three or four substituents independently selected from R^a;

R^4 is selected from:

(1) hydrogen,

(2) C_{1-4}alkyl, and

(3) cyclopropyl,

wherein alkyl and cyclopropyl are optionally substituted with one, two or three R^a substituents;

~~R^4 is selected from:~~

~~(1) hydrogen,~~

~~(2) C_{1-4}alkyl,~~
~~(3) C_{2-4}alkenyl,~~
~~(4) C_{2-4}alkynyl,~~
~~(5) OR^e,~~
~~(6) CO_2R^e~~
~~(7) $OCOR^e$~~
~~(8) $OCOOR^e$~~
~~(9) $OCONR^dR^e$~~
~~(10) NR^dR^e,~~
~~(11) $NH(CO)OR^e$,~~
~~(12) $NR^eSO_2R^e$~~
~~(13) $S(O)_mR^e$~~
~~(14) aryl,~~
~~(15) heteroaryl,~~
~~wherein alkyl, alkenyl, alkynyl, cycloalkyl, and cycloheteroalkyl are optionally substituted with one, two, three or four substituents independently selected from R^a, and aryl and heteroaryl are optionally substituted with one, two, three or four substituents independently selected from R^b;~~

A is benzodioxane or dihydrobenzodioxane, wherein the **A** ring system is optionally substituted with one, two, three or four substituents selected from a group independently selected from oxo and R^b;

each R^a is independently selected from:

(1) -OR^d,
(2) halogen,
(3) SO_2R^c,
(4) SH,
(5) SCH_3,
(6) -NR^cR^d,
(7) -$C(O)R^c$,
(8) -CO_2R^c,
(9) -CF_3, and
(10) -OCF_3;

~~each R^a is independently selected from:~~

~~(1) $-OR^d$,~~
~~(2) $-NR^eS(O)_mR^d$,~~
~~(3) $-NO_2$,~~
~~(4) halogen,~~
~~(5) $-S(O)_mR^e$,~~
~~(6) $-SR^e$,~~
~~(7) $-S(O)_2OR^e$,~~
~~(8) $-S(O)_mNR^eR^d$,~~
~~(9) $-NR^eR^d$,~~
~~(10) $-O(CR^eR^f)_nNR^eR^d$,~~
~~(11) $-C(O)R^e$,~~
~~(12) $-CO_2R^e$,~~
~~(13) $-CO_2(CR^eR^f)_nCONR^eR^d$,~~
~~(14) $-OC(O)R^e$,~~
~~(15) $-CN$,~~
~~(16) $-C(O)NR^eR^d$,~~
~~(17) $-NR^eC(O)R^d$,~~
~~(18) $-OC(O)NR^eR^d$,~~
~~(19) $-NR^eC(O)OR^d$,~~
~~(20) $-NR^eC(O)NR^eR^d$,~~
~~(21) $-CR^e(N-OR^d)$,~~
~~(22) $-CF_3$,~~
~~(23) $-OCF_3$,~~
~~(24) C_{3-8}cycloalkyl, and~~
(25) ~~cycloheteroalkyl;~~

each R^b is independently selected from:

(1) methoxy,
(2) halogen,
(3) -SH,
(4) $-SCH_3$,
(5) $-NH_2$,

(6) -C(O)CH3,
(7) -CO2H,
(8) -CO2CH3,
(9) -CF3,
(10) -OCF3,
(11) C3-6 cycloalkyl,
(12) C1-4alkyl,
(13) phenyl,
(14) benzyl, and
(15) heteroaryl;

~~each R^b is independently selected from:~~
~~(1) R^a,~~
~~(2) C_{1-10}alkyl,~~
~~(3) aryl,~~
~~(4) arylC_{1-4}alkyl,~~
~~(5) heteroaryl, and~~
(6) ~~heteroarylC_{1-4}alkyl;~~

R^c is H or C_{1-4} alkyl unsubstituted or substituted with 1-3 substituents selected from R^h;

R^d is selected from:
(1) hydrogen;
(2) C_{1-10} alkyl;
(3) C_{3-10} cycloalkyl;
(4) cycloheteroalkyl;
(5) phenyl;
(6) heteroaryl and
(7) benzyl,
either unsubstituted or substituted on a carbon or nitrogen atom with one or two substituents selected from R^h;

~~R^e and R^f are independently selected from hydrogen, C_{1-4} alkyl, C_{3-10} cycloalkyl, cycloheteroalkyl, phenyl, heteroaryl and benzyl;~~

~~each R^g is independently selected from~~

~~(1) hydrogen,~~
~~(2) C_{1-10}alkyl,~~
~~(3) C_{3-8}cycloalkyl,~~
~~(4) heterocycloalkyl,~~
~~(5) aryl,~~
~~(6) arylC_{1-4}alkyl,~~
~~(7) heteroaryl,~~
~~(8) heteroarylC_{1-4}alkyl,~~
~~(9) $-S(O)_m R^e$,~~
~~(10) $-C(O)R^e$,~~
~~(11) $-CO_2R^e$,~~
~~(12) $-CO_2(CR^eR^f)_nCONR^eR^d$, and~~
(13) ~~$-C(O)NR^eR^d$;~~

each R^h is independently selected from:

(1) halogen,
(2) C_{1-4}alkyl,
(3) –O-C_{1-4}alkyl,
(4) –S-C_{1-4}alkyl,
(5) -CN,
(6) $-CF_3$, and
(7) $-OCF_3$;

~~each R^h is independently selected from:~~

~~(1) halogen,~~
~~(2) C_{1-10}alkyl,~~
~~(3) C_{3-8}cycloalkyl,~~
~~(4) heterocycloalkyl,~~
~~(5) aryl,~~
~~(6) arylC_{1-4}alkyl,~~
~~(7) heteroaryl,~~
~~(8) heteroarylC_{1-4}alkyl,~~

~~(9) $-OR^e$;~~
~~(10) $-NR^eS(O)_mR^d$;~~
~~(11) $-S(O)_mR^e$;~~
~~(12) $-SR^e$;~~
~~(13) $-S(O)_2OR^e$;~~
~~(14) $-S(O)_mNR^eR^d$;~~
~~(15) $-NR^eR^d$;~~
~~(16) $-O(CR^eR^f)_nNR^eR^d$;~~
~~(17) $-C(O)R^e$;~~
~~(18) $-CO_2R^e$;~~
~~(19) $-CO_2(CR^eR^f)_nCONR^eR^d$;~~
~~(20) $-OC(O)R^e$;~~
~~(21) $-CN$;~~
~~(22) $-C(O)NR^eR^d$;~~
~~(23) $-NR^eC(O)R^d$;~~
~~(24) $-OC(O)NR^eR^d$;~~
~~(25) $-NR^eC(O)OR^d$;~~
~~(26) $-NR^eC(O)NR^eR^d$;~~
~~(27) $-CF_3$; and~~
~~(28) $-OCF_3$;~~

wherein cycloalkyl is selected from: cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cycloheptyl, tetrahydronaphthyl, decahydronaphthyl, and indanyl;

wherein cycloheteroalkyl is selected from: pyrrolidinyl, piperidinyl, piperazinyl, morpholinyl, dihydroisoindolyl, pyranyl, perhydroazepinyl, and tetrahydrofuranyl;

wherein heteroaryl is selected from: pyridinyl, benzimidazolyl, imidazolyl, oxazolidinyl, triazolyl, and benzotriazolyl;

m is selected from 1 and 2; and
n is selected from 1, 2, and 3;
or a pharmaceutically acceptable salt thereof.

Claim 9 (Canceled)

Claim 10 (Currently Amended) The compound according to Claim 8 ~~9~~, wherein R^3 is selected from:

(1) methyl,

(2) trifluoromethyl, and

(3) cyclopropyl;

and pharmaceutically acceptable salts thereof.

Claim 11 - 13 (Canceled)

Claim 14 (Currently Amended) The compound according to Claim 8, wherein:

R^1 is selected from phenyl and 4-chlorophenyl;

R^2 is selected from:

(1) phenyl, and

(2) pyridyl,

wherein phenyl and pyridyl are optionally substituted with one or two halogen substituents;

R^3 is methyl;

R^4 is selected from hydrogen and methyl;

A is selected from:

(1) benzodioxanyl, and

(2) dihydrobenzodioxanyl,

each optionally substituted with one, two, or three groups independently selected from R^b;

each R^b is independently selected from halogen;

~~each R^b is independently selected from:~~

~~(1) methoxy,~~

~~(2) halogen,~~

~~(3) -SH,~~

~~(4) $-SCH_3$,~~

~~(5) $-NH_2$,~~

~~(6) $-C(O)CH_3$,~~

~~(7) $-CO_2H$,~~
~~(8) $-CO_2CH_3$,~~
~~(9) $-CF_3$,~~
~~(10) $-OCF_3$,~~
~~(11) C_{3-6} cycloalkyl,~~
~~(12) C_{1-4}alkyl,~~
~~(13) phenyl,~~
~~(14) benzyl, and~~
~~(15) heteroaryl;~~
and pharmaceutically acceptable salts thereof.

Claim 15 (Previously Presented) The compound according to Claim 8, selected from:
(1) *N*-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-1,4-benzodioxane-2-carboxamide,
(2) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(3) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(4) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(5) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(6) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(7) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(8) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(9) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(10) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-6-chloro-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide,
(11) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-7-chloro-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide;
and pharmaceutically acceptable salts thereof.

Claim 16 (Previously Presented) The compound according to Claim 8, selected from:
(1) *N*-(2,3-bis(4-chlorophenyl)-1-methylpropyl)-1,4-benzodioxane-2-carboxamide,
(2) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I,
(3) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
(4) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomers I and II (1:1),
(5) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I,
(6) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
(7) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomers I and II (1:1),
(8) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide, diastereomer III,
(9) *N*-[2,3-bis(4-chlorophenyl)-1-methylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer IV,
(10) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I,
(11) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
(12) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomers I and II (1:1),
(13) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomers I and II (3:1),
(14) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomers I and II (1:1),
(15) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
(16) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I enantiomer A,
(17) *N*-[3-(4-chlorophenyl)-1-methy-2-phenylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I enantiomer B,

(18) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I, enantiomer A,
(19) *N*-[3-(4-chlorophenyl)-1-methy-3-pyridylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I, enantiomer B,
(20) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I,
(21) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
(22) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-6-chloro-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I,
(23) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-7-chloro-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer I,
(24) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-6-chloro-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
(25) *N*-[3-(4-chlorophenyl)-2(S)-phenyl-1(S)-methylpropyl]-7-chloro-2-methyl-2,3-dihydro-1,4-benzodioxane-2-carboxamide diastereomer II,
and pharmaceutically acceptable salts thereof.

Claim 17 (Cancelled)

Claim 18 (Withdrawn) The method according to Claim 17 wherein the disease mediated by the Cannabinoid-1 receptor is selected from: psychosis, memory deficit, cognitive disorders, migraine, neuropathy, neuro-inflammatory disorders, cerebral vascular accidents, head trauma, anxiety disorders, stress, epilepsy, Parkinson's disease, schizophrenia, substance abuse disorders, constipation, chronic intestinal pseudo-obstruction, cirrhosis of the liver, asthma, obesity, and other eating disorders associated with excessive food intake.

Claim 19 (Withdrawn) The method according to Claim 18 wherein the disease mediated by the Cannabinoid-1 receptor is an eating disorder associated with excessive food intake.

Claim 20 (Withdrawn) The method according to Claim 19 wherein the eating disorder asssociated with excessive food intake is selected from obesity, bulimia nervosa, and compulsive eating disorders.

Claim 21 (Withdrawn) The method according to Claim 20 wherein the eating disorder associated with excessive food intake is obesity.

Claim 22 (Withdrawn) A method of preventing obesity in a person at risk for obesity comprising administration to said person of about 0.001 mg to about 100 mg per kg of a compound according to Claim 1.

Claim 23 (Original) A composition comprising a compound according to Claim 1 and a pharmaceutically acceptable carrier.

Claims 24 – 29 (Cancelled)